

**IN THE CLAIMS:**

Please amend the claims as follows:

Claim 1 (Currently Amended): ~~A coronary artery curing guide wire to be inserted into a tubular balloon catheter comprising:~~ **A medical device including a guide wire and a tubular balloon catheter in which the guide wire and the catheter are engaged and inserted to a coronary artery comprising:**

a front end having a front catheter engagement portion that is provisionally connected to a front end of the balloon catheter as a provisionally connecting means, the front catheter engagement portion is formed from a mirror-finished barrel portion, and the provisionally connected balloon catheter is inserted into a coronary artery concurrently with the guide wire,

wherein the mirror-finished barrel portion is formed by providing a soldering portion integrally fixed in one piece on a helical spring portion of the guide wire and a core inserted into the guide wire; and

a front end of the balloon catheter is diametrically smaller than a maximum diameter of the mirror-finished barrel portion, and elastically ~~deform~~ **deforms** to be diametrically greater than a tube portion of the balloon catheter so as to be a flared end portion when the mirror-finished barrel portion engages with the front end of the balloon catheter in accompany with provisionally connecting the balloon catheter.

Claim 2 (Previously Cancelled)

Claim 3 (Previously Presented): The medical ~~guide-wire~~ **device** according to claim 1, wherein said mirror-finished shape of said front catheter engagement portion is cut at its outer surface.

Claims 4-12 (Previously Canceled)

Claim 13 (Previously Presented): The ~~coronary artery curing guide-wire~~ **medical device** according to claim 1, wherein both lengthwise sides of the mirror-finished barrel portion form parallel flat sections.